Title (en)

BINDING A PROTECTED APPLICATION PROGRAM TO SHELL CODE

Title (de)

BINDUNG EINES GESCHÜTZTEN ANWENDUNGSPROGRAMMS AN EINEN SHELLCODE

Title (fr)

LIAISON D'UN PROGRAMME D'APPLICATION PROTÉGÉE À UN CODE D'ENVELOPPE

Publication

EP 1977551 B1 20140101 (EN)

Application

EP 07716933 A 20070123

Priority

• US 2007001800 W 20070123
• US 33869006 A 20060125

Abstract (en)

[origin: US2007174571A1] A system and method for binding a protected application to a shell module. The shell module is appended to the application. The shell module executes prior to the execution of the application, and first creates a resource. After the shell module finishes execution, the application tries to access the created resource. If the access is successful, the application is allowed to proceed. Otherwise, the application terminates. The inability of the application to access the resource is an indication that the shell module never actually created the resource. This suggests that the shell module never executed; the shell module may have been either removed or functionally disconnected from the application. This further implies that the security functionality of the shell module has not executed. The application is therefore not permitted to execute, since the shell's security checks have probably not been performed.

IPC 8 full level

G06F 21/12 (2013.01)

CPC (source: EP US)

G06F 21/125 (2013.01 - EP US)

Cited by

CN107480476A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2007174571 A1 20070726; EP 1977551 A2 20081008; EP 1977551 A4 20120718; EP 1977551 B1 20140101; JP 2009524879 A 20090702; WO 2007087316 A2 20070802; WO 2007087316 A3 20080424

DOCDB simple family (application)

US 33869006 A 20060125; EP 07716933 A 20070123; JP 2008552367 A 20070123; US 2007001800 W 20070123